

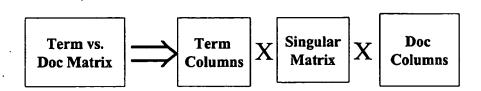


Figures

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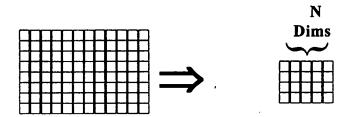
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acid	0	2	•••	0
•••	•••	•••	•••	•••
<term m=""></term>	1	0		1

FIGURE 1 Term by Document Matrix



SVD Extracts Key Relationships among Terms - Basis for Conceptual Matching

FIGURE 2 - Singular Value Decomposition (SVD) Operation



Large, Sparse Matrix

LSI Vector Space

Typically, N=Several Hundred

FIGURE 3 – Dimensionality Reduction

